

Report of Analysis

Submission: 2003-003973-NYHB
Customer: Sprague
Terminal: Sprague - Rensselaer, NY
Vessel: B 185
Product: #6 Fuel Oil 1%
Date Received: 29-Oct-03
Date Analyzed: 29-Oct-03
Date Reported: 30-Oct-03

Lab Reference : 2003-003973-NYHB-022			
Sample Designated As : TK 15 A/D COMP NO. 6 FUEL OIL			
Method	Test	Results	Units
D4052	API Gravity @ 60 Deg F	10.2	deg API
D4294	Sulfur	1.62	Wt %
D93 method B	Corrected Flash Point	189	deg F
D445 at 122 deg F	Kinematic Viscosity @ 122°F	573.2	cSt
D2161	Saybolt Furol Viscosity @ 122 °F	270.4	SFS
D97	Pour Point	6	deg C
D97	Pour Point	43	deg F
D1796	Sediment and Water	0.10	Vol %
D95	Water	0.40	Vol %
D482 @ 775 deg C	Ash @ 775 deg C	0.091	Wt %
D5708 Method A	Sodium	16.4	mg / kg
D5708 Method A	Vanadium	195	mg / kg
D473	Sediment by Extraction	0.03	Wt %
D240	Gross Heat of Combustion	18260	BTU / lb
D240	Gross Heat of Combustion	151850	BTU / gal
D3279	Asphaltene / n-Heptane Insolubles	11.0	Wt %
D5762	Nitrogen	0.49	Wt %
D4530	Micro Carbon Residue	16.9	Wt %
IP 143	Asphaltene Content	11.48	Wt %

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ITS / Caleb Brett